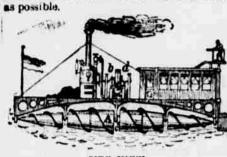
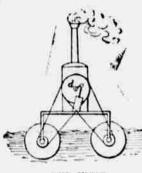
An Austrian inventor, Emil Alam, ha hit upon a plan for propelling a boat which may at length revolutioniss water travel. It makes an immense speed with little outlay of fuel.

The reader is probably familiar with the catamaran sailboat, in which two boats are made fast, a few feet from each other, by a framework nailed upon the top. Sails are set upon the framework between, and the doub's boat glides through the water very rapidly.

The construction of the new steamboat is



The hull of the vessel was built of two hollow, eigar-shaped cylinders. The cylinedge at an angle of forty-five degrees upon the cylinder, and winds around it like the thread of a screw for its whole length. The



The engine is placed upon deck. All the decks and other parts of the vessel are above water. Thus they can offer no friction to the motion of the beat.

The number of cylinders is not neces sarily limited to two. There may be as many as are desired. Power is transmitted from the engine to the eviladers by means of belting. Tois is shown in Fig 2. which exhibits a view from the front end, Fifty years ago steam yes els were believed to have reached the limit of perfection. Since then there have been marve ous improvements. Perhaps we have here even

Chest Development.

five." Stan ing in the show room of a the highest mountain in the world. It is fashionable tailor's I heard these words over five unles high. proceeding from behind the beavy drapery which cut off the measuring alcove.

As I waited for at endance, the curtain was drawn as do and a young man who had evidently just left his order for a suit of clothes, storped out. He was of medium height, with decently broad shoulders and fairly proportioned limbs; yet the flatness of the narrow chest spoile I all beauty of hold upon existence

was i rected by this medent, to the forms women. of the went i wet; and, in my walk, I did not see a single perfect development of chest among the erow lof young and middie-ared mor of all cause and conditions that a great city's streats may show,

That a even-on I attended an athietic meeting in anof the city parks, where trained achieves, representatives from every part of the world, contended for the champion donor in teats of strength. Their perfect development was obtained through years of stealy, careful training, which, by means of a variety of exercises, thickies, and swelled out ches s, whose full, curved lines, whose broad fronts and deep sides gave to the looker-on a sense of tremendous strength and of wonderful enlurance.

Stand up a moment. Remove your coat and waistcoat. Put the tape-measure around you -u ider your arms, across your hest-tigh. What does in read thrayive inches. Put your hands on your hips, humbs in front-that helps to throw your houlders back; never mind it arms ak mbo ire proof positive of a sendance to vulcarity; now take a long, slow breath brough your nostrils. Notice the swelling if your abdomen and the aze of your chest. Now have the same men are taken againbirty- ev n and one-unit. Two and onall inches difference, now that every airell in your lungs is fined. Do not hold our breath long enough to feel one mfortble in the sligh est legree; and let it out brough your nostries, or e urse. Try that x times every night and morning, and, n a monta, make another measurement

Turning Grav-

Many persons begin to show gray hairs hale they are on in their twenties, and ne while in their trens. This does not be ny mans, save a recen wenter, argue a mature dicay of constitution. It is a urely local phenomenon, and may co-exist ith unusual borils v.gor. The celebrated there is another grac ful house dress, thor and traveler, George Borrow, turned is a reception dress with Spanish jacket. aite gray be ore ne was 31, but was an straor bnary swimmer and athlets at 65. any feeble persons, and others who have iffered extremely both mentally and nysically, do not blanca a har until past iddle I ie, while others, without assignole cause, lose their capitary coloring atter rapidly when alou. 4) years of age. ace has a marked influence. The traveler, Orbigay, says that in the many years spent in Smith America, he never saw a do Indian, and scarce y ever a grayured one. The negroes turn more slowly an the whites. Yet we know a negrespure blood, about 35 years old, who a ite gray. In this country sex appears to ike little difference. Men and women ow gray about the same period of like.

To Stain Wood.

Various mathods have seen devised for ating the surface of carram whose sa as produce the most per set ballandous posof resewood, wainut, ste , our some of most attractive were in this line is clai by simply spreading on the surface the materia: a concentrated solution of permangate of potassa, this being allower act until the desired shale is obtain-i. issa, which the influence of the pota wa, front is closed beneath a gathered jabot of

at the same time set free, fixes in a durable manner on the fibres. When the action is terminated the wood is carefully washed with water, dried, and then offed and polished in the usual manner. The effect produced by this process in several woods is really remarkable. On the cherry, espe-cially, it develops a beautiful red color which resists well the action of air and light.

Sewage Question Settled. Shrewsbury, England, has solved the sewage problem to perfection. As the sewage enters the works clay, charcoal and blood are added as deodorizers; and, after thorough mixing, a solution of sulphate of alumina is added by which the dissolved and suspended impurities are quickly pre-cipitated in one or the other of the settling tanks, from the fourth of which the water somewhat similar. The ruling idea is to runs without further treatment into the reduce the resistance of the water as much river. The sewage as it enters the works contains about 37 per cent of suspended organic and inorganic matter, but in the affluent water there are found only the merest traces of either. By experiment, it has been found that in this water fish will live for months. The deposit is then removed from the tank, and by means of pressure and artificial heat is deprived of its moisture till it attains the consistency and appearance of dry earth, in which condition it meets a ready sale as "guano."

Muscle and Iron. An athlete's muscles have often been likened to a bar of iron, but, if "fatigue" be in question the simile is very wide of the ders have breats along their length at in. truth Intermittent action-the alternative tervals to which to attach the framework pull and thrust of the rower, or of the of the vessel. A wide metal rim is set on laborer turning the winch-is what the muscle likes and the bar of iron abhors. Troopers dismount to rest their horses, but to relieve a bar of iron temporarily of load water in which the cylinders revolve acts only serves to fatigue it. Half a century as a nut for the screw threads, whereby a ago Braithwaits correctly attributed the rapid motion in either direction is ob- failure of some girders, carrying a large tained. In Fig. 1 A is the cylinder, B D the brewery vat, to the vessel being sometimes full and sometimes empty, the repeated deflection, although imperceptibly slow and wholly free from vibration, deteriorating the metal, until, in the course of years, the girders broke. These girders were of cast iron; but it was equally well known that wrought iron was similarly affected.

> Facts of Interest. Gum camphor kept near silverware will

keep it from discoloring. It is said that a small bag of sulphur in closet or drawer will keep re l ants away. Salt will remove the stain from silver caused by eggs when applied dry with a

An electrical subway commission in New York city is examining models of plans for putting telegraph wires underground.

The Joliet (Ills.) Steel company are now turning out double length steel rails. It is a great saving. The company inten I before long to roll four-rail lengths.

A jagged lemon seed, swallowed with a glass of lemonite, cru ei the death of a your morang studies, either before or young man in San Francisco. Moral: after breakfast, put this bag of sand on Don't drink lemonade.

The use of red and purple ribbons on government typewriters has been ordered to be di continue I for papers of permanent record. Rad and purple are not fast colors. It is now declared that there are in the Himalayas yet loftier peaks than Mouat "Chest, thirty-three; influis), thirty- Everest, which has been long regarded as

Indoor Toilets.

Fancy bodices are the mode now for form by a lack of fuliness, that meant a house dresses. They are of all kinds that lack of power, a shorter life and a weaker bagination can device, and any woman can make them for herself. Taese cor-Passing on into the street, my attention sages are especially becoming to slenler



Fig. 1, on the left, shows a little brown doth jacket opening over a vest of pale tan culored cloth. The vest has a pointed best and high round collar of dark brown velvet. The dr ss skirt and jacket are of the same material. The jack at is trimmed with a brail of brown and pale tan color. Any color may be chosen for this dross. Fig 2 on the right, g ves a pretty velvet

bodice, face I at the back. It may be of any color. The one i. the illustration is of moss groot. Above is a full guimpe or chemises to of cream lace, gathered in close at he neck. A high velvet collar of mosgreen is trimmed with passementeric and green cut beads. The same trimming is ground the bottom and top of the bodies. There are full sleeves of the cream laca, The long mon quataire gloves and the rose n the lace upon the breast finish a very stylen evening costume for a young lady. its simplicity is one of its charms.

SPANISH JACKET. Here is another graceful house dress, It



The costume has a distingue and straking effect, partaking of the poetic. It calls up a wandering finey of Tennyson's heroines reminutes suffice ordinarily to give a and other seathetic young women. The specifor-a few trials indicating the proper dress is of course, transparent white and ortions. The hypermangate of potassa green woolen material, and the jacket is

pink silk, the lower edge of which is fringed out. Over the tight sleeves of pink silk, caught into a broad band, half of the green material, are large loose ones looking like long puffs. Lengths of green moire ribbon caught into the sile seams of the bod ce are tied over the jabot, as seen, and harmonize with the bow closing the high neckband of the jacket, made tight fitting at the back. A peasant skirt of white or green material with an under one of pink silk, completes

Hinte for Home Sewing.

[Harper's Bazar.] A simple and new way of finishing the back forms of basques is to shape them in four scallops, one in each form, and line them with satin. Below these are two sewed underneath the two middle scallops of the four forms. In other basques, es separated about two inches from these and pointed below. An easy and stylish way of trimming sleeves is to use inch-wide galloon or else velvet ribbon instead of cuffs. Begin by sewing it at the end of the sleeve at its outside seam, crossback on the front just above the row that is already there, stopping there when son's dresses of cloth or of velvet, and in combining with cashmere for house dresses. The heliotrops colors are also especially liked in these two fabrics. A smooth cloth ens, and also with plain wool; of a attractive paper. Price 20 cents. lighter shade. These basques are of the plainest shape, without trimming, unless drooping cords be used on the chest, or else passing under the arms from an epaulette.

Stooping Shoulders. [Dio Lewis] This is a serious evil. It compromises tracted chest and defective breathing. Unhold the head and shoul lers erect. I know of but one bull's eye shot. It is to carry a weight on the head. A sheepskin or other strong bag, filled with twenty to eighty pounts of muscles whose duty it is to nold the head suits. and shoullers erect are hit, not with scattering shot, but with a rifle ball. The tones of the spine and the intervertebral selves to the new attituds. One year of with your studies.

For Weddings.

It is no longer the fashion to display the presents at the welling. They are arrangel in an upper room and shown to a

Velvet is the material chosen for the mother's dress at the welding o her daughter, and the real lace flourers and shawls that have been long out of use are in vogue again for the trimming. A stately drass with black velvet basque and train has a mauve satin front coverel with black Chantill / lace; a shawl of the lace is drapsd on one side, and hold by large jet oranments. A manye vest is set in below the squary opening of the corsage, and a bunch of manye ostrich feathers is on the waist, while a borler of these feathers is around the entire train. The reader will observe that trains are more trimmed along the edges than they have been of late, with either rows of loops two inches does set above the edge of the train and falling on a soft sain puff, or else with feathers that also rest on a puff of sa.in.

White Crape in Mourning Toilets.

Premy white crape plastrons and waistcoats may be worn at quiet "at homes," allo sacred concerts, which are becoming a so fastionab e and often given at privathenses, wien bonnets are taken off. Bentei crape vests and fronts are also permisable, and furn-down collars and cuifs of white eraps give a plain black robe an air of less sa luess and duliness

A number of new trinkers recently introducet have borrowed their designs from the nut trees. Small bunches of bazel nuts with leaves of gold, and neorns with diamond set rims, are represented in god jawe ry. The plobeing pennut has also apcented as the ornament on scar/ pins, and

FASHIONLETS.

Bridal couples go to Washington for a wedding tour.

The round pin is now among lealing new factions in jawelry.

Bright rel jackets, with turl ans to match, are very asalonable for visiting and driv-I is proper to begin a letter to an un-

marr el laly: "Miss Smith, Dear Mad-Bonnets are more eccentric and capricious than ever in snape, size, materials and

trimmings. Have a b nuct or hat to match every cos tume. They are generally made of the

same mater al The fronts of basques have one or two points, the bac; frequently has the sash drapery attached to it. New clenk, jacket, newmark st and ulster

class come in novel figure, flower, leaf and fancy forms, in meta's and carvel Green billiard cloth, precisely like that on

to be worn by young lattes with brack, green, or brown dresses. the basque is still the bodice most favoral by diessmakers, but it is made very short and simple, with or without a waist-

toat, at pleasure. Some of the richest millinery stuff is used by dressmakers to form the narrow waist precipitation of brown peroxide of manice is only cut as far as the waist. The

Periodicals.

WIDE AWAKE for November opens with frontispiece by Hassam celebrating the last of the autumn pleasures—a farewell ramble through the November woods. The serial, "A New Departure for Girls," closes with the triumph of the plucky heroines, and "The Governor's Daughter" also ends happily. "The Child's Paradise" ends by forcing the conviction on Flossy Tangleskein that America is the best land for a child's home after all. "Dan Hardy's Crippy" is a pathetic Thanksgiving-time story; and the second "Popsy Story" is given, one of the last labors of Mrs. Helen larger scaliops gathered at the top and Jackson (H. H.) Mrs. Harriet Pinckney Huse gives some interesting early recollections of the novelist Cooper. There is much pecially those of velvet, only two scallops tions of the novelist Cooper. There is much are seen, one in each of the middle forms of illustrated verse in the number, and the the back. The short side forms are then Chautauqua Readings have good specialties for natural history students.

The ART INTERCHANGE of Nov. 5th contains as an extra supplement a beautiful colored plate (10x13) of an autumn landing to the inside seam, then taking scape, entitled "A November Study." In it gradually upward far enough to come addition there are: a bold and excellent design of grapes for decorating a portiere half way across, finishing by turning in the in dining room; a good study of a mountends in a point. The economist is advised ed horseman; an embroidery design for to use watered silks in remodeling last seedesign for painting on mirror frame; and Black cashmere draped over black watered a Japanese design for ovster soup plate. A silk remains a favorite for house dresses. pretty sketch called "Yes?" shows a maiden and her lover discussing the old, old basque of dark brown, rel, gray or blue is story. The text includes an article on arin great favor for wearing with skirts tistic house-furnishing, instructon in paintover from last winter, and is keeping with skirts of striped s woolens, striped silks, dark plaid wool. rary chat, art notes and news make up an Banking hours from 9 a. M. to 4 P. M.

The Phrenological Journal for November opens with a portrait and admira ble sketch of the late Rev. Dr. Stephen H Tyng. A portrait and sketch are also given of Prince Frederick Charles, of Germany. In an illustrated paper on Cornell Uniboth appearance and vitality. A stooping versity are also a portrait and sketch of Prefigure is not only a familiar expression of sident C. K. Adams. Among the more striweakness or old age, but it is, when caused king papers of the number are: Immortal Obligations; Our Colored Brethren; Geo. less you rid yourself of this crook while at | Eliot's Private Life; Notes from a Teachsenool you will probably go bent to your er's Diary; and The Influence of Inebriety There is one good way to cure it. on Civilization. The Notes on Science and Shoulder braces will not help. One needs, Agriculture are also very good reading and not an artificial substitute, but some means to develop the muscles whose duty it is to add a very agreeable variety.

Our English Cousins. LONDON.-In a recent trade-mark suit it was shown by sworn evidence that over nine million bottles of St. Jacobs Oil had been sold here during the past few years. your head, hold your head erect, draw Leading chemists certify that the sale of your chin close to your neck and walk this remedy exceeds that of all others; and slowly about the room, coming back, if you that it is being recognized as the best painslowly about the room, coming back, if you please, every minute or two co your book, or carrying the book as you walk. The that it is being recognized as the best pain-cure ever discovered. In serious rheuma tism it has accomplished astonishing related to the conselors at Law, Fatterer & Metzger's Block, east of Court House.

The post office department has decided that the delivery of letters bearing the new substance will soon accommodate them special ten cent stamp, on Sundays, shall be optional with the postmasters of the various daily practice with the bar, half an hour towns to which the new law is applicable. morning and evening, will give you a nobie It therefore rests with the postmaster to carriage, without interfering a moment say whether such letters shall have immediate delivery when received on Sunday, or shall lie over till Monday.

The best salve in the world for cuts, bruises sores, ulcers, salt rheum, fever sores, tetter, few friends of the brids the dar before the chapped hands, chilblains, corns, and all skin ceremony. Nor is it the fashion for the cruntions, and positively cures piles, or no pay bride to wear any jowels. These are re-required. It is guaranteed to give perfect satserved for her first appearance as a married served for her first appearance as a married per box. For sale by Lutz & Briggs.



The Best Newspaper in America. and by far the Most Peadable.

Agrents wanted everywhere to ear: money in distributing the Sun's Pre-

The most interesting and advantageous offers evermade by any News-

No Subscriber ignored or neglected, comothing for all.

Requiful and Substantial Premiums in Standar Gold and other Watches, Valuable books, the Best Family Sewing Michine knows to the trade, and an unequaled list of objects of real utility and instruction.

Bates, by Marl. Postpaid DAILY, per Year without Sunday) \$6 00 DAILY, per Month (without Sunday) 50 SUNDAY, per Year . . . 1 00 FOR EVERY DAY IN THE YEAR 7 00 WEEKLY, per Year . . . 100 Address, THE SUN, New York City.

PRESCRIBED BY PHYSICIANS. THORNE'S it is confidently expected, by people who cught to know, that the chestnut will soon Hypophosphites.

Pre-eminently the Best Tonic, Stimulant, and Tissue-Maker.

Blood-Forming. Iron and Sugar of Milk.

Bone-Forming. Lime, Soda and Potash.

Brain and Nerve-Forming. Phosphorus.

Containing the hypoposphites of IRON, LIME,

SODA AND POTASH, suspended in the only

syrup prepared with SUGAR OF MILK, and flavored with the choicest fruits. Pleasant to the taste.

The Hypophosphiles and Sugar of Milk have an

established reputation with the most eminent

physicians of Europe and America in cases of

MALARIAL FEVERS,

Dysentery, Erysipelas, Typhoid and Scarlet Fever, or any of the Eraptive Fevers. It speedily restores lost strength and vitality. As a Chemical Food and a prompt and effective tone is a specially adapted to the disorders inci-

FOR SALE BY ALL DRUGGISTS PRICE, \$1.00 PER BOTTLE. Six Bottles to any address for \$5.00. billiard tables, is a novelty for tailor jackets | THORNE PHARMACEUTICAL CO., CHICAGO, ILL.

PIRST NATIONAL BANK OF OTTAWA.

- - \$100,000 DIRECTORS: Milton H. Swift, John Brundage Wm. Cullen,

Rxchange on Chicago, New York, and all the prince pal cities of the United States bought and sold. Exchange on England, Ireland, Scotland and Conti nental Europe drawn in sums to suit.

United States Bonds, Gold and Silver bought and sold Our facilities are such that we can offer inducements o customers, and we shall use our endeavors to give sotisfaction to those entrusting us with their business.

JOHN F. NASH, Cashier. NATIONAL CITY BANK

OF OTTAWA. (Formerly City Bank of Eames Allen & Co.)

Exchaege on Chicago and New York and all the principal cities east and west bought and sold. Exchange on England, Ireland, Scotland and all im portant points in Continental Europe drawn in sums to

U. S. Revenue Stamps of all denominations constant United States Bonds, Local Securities, Gold and Silver

bought and sold. A. F. SCHOCH, Assist, Cashier

Professional Carda.

ATTORNEYS. G. W. W. BLAKE, Attorney and Counselor at Law. Room 9, second floor, Court House, Otta-wa, Ill. All legal business promptly attended to. jan31

PESSER R. RUGER.

I. W. RBERSOL,
Atterneys & Country Statemers & Country Statemers at Law; also Notary Public. Office in Futterer & Metzger's Block, cast of Court House.

BLANCHARD & HULL, Attorneys, Armory Block, Ottawa, Ill. Horace Hull, Stenographer and Notary Public, novs 84

R. RICHOLSON. W. GENTLEMAN. J. C. FINCH.
RICHOLSON. GENTLEMAN & FINCH. Attorneys
and Counselors at Law. Will practice law in the
co. rtsot La Salle and adjoining counties. Office west
or court house, Ottawa, Ill.

E. C. SWIFT, Attorney at law, Armory Block. Special attention given to probate matters. DUNCAN & O'CONOR, Atlorneys at Law. Office in Futterer & Metzger's block, east of court house, Ottawa, Illinois.

B. F. BULL, LESTER H. STEAWN. S. W. RUGER, BULL, STRAWN & RUGER, Attorneys and Counsellors at Law. Office over City Drug Store, corner of La Salle and Madison streets, Ottawa, Ill.

C. B. CHAPMAN. Attorney and Counselo at Law. Office with D. McDougall, 1 traws. Ill.

M. N. ARMSTRONG, Attorney and Coun-selor at Law, Ottawa, Ill. Notary Jubble. Office in Gedney's Block, Ottawa. JOHN B. RICH, Attorney at Law. Reddick's Block, city of Ottawa. Will practice law in La Salle and adjoining counties, and in the Appellat-and Supreme Courts.

A, J. WILLIAMSON, Lawyer, Ottawa, fillnoss.

Ottawa, Illhois. Probate matters a specialty. Office over Hull's Dry Goods Store. POWLER BROS., Attorneys and Counsel-lors at Law. Office in Gedney's Block, northeast corter of Court House square, Ottawa, Ili. Branch Of-fice at Newark, Kendali county.

T. C. TRENARY, Attorney at Law. Office with L. W. Brewer, Rooms 8, 9 & 10, Opera House Rock, Ottawa, 111. L. W. BREWER, Attorney and Counseior at Law, and Notary Public. Rooms 5, 9 & 10, Opera House Block, Ottawa, Ill.

C. ORIGOS, Attorney and Counselor at Law Office in Lynch's block, Main street, Ottaws, Ill. D. McDOUGALIL., Attorney at Law, Ottawa dec2'76

B. F. LINCOLN, Attorney at Law. Office over No. 19 La Saile street, west side of the Court House, Ottawa, Ill. July575 GEORGE S. ELDREDGE, Attorney at Office in Postoffice Block Ottawa, Ill. april.

MAYO & WIDNIER, Attorney at Law-office in Nattinger's Block, corner of I all and Main streets front room un stairs, Ottawa, Ill

PHYSICIANS.

DR. CHARITY SANDERS, successful for the Alcinda Anten. Office over H.A. But grocery store, in Union Block, Ottawa, Ill. Sec.

DR. G. MILLAER, the well known Oculiar and Aurist, Ottawa, Ill. Office, 13 La Salle street, apr3-limos* DR. E. W. WEIB, (Dentcher Poctor.) late Physician and Surgeon to the St. Louis Female Resiptal. Office over Stiefel's Clothing Store, corner of Main and La Salle streets. Residence on south bird, of Mrs. Rengis.

D.R. R. M. McARTHUR, Ottawa, Ill.-outlee in the Opera House Block. Open from I clock a * to 6 o'clock v. M. Residence on Benton street, south of Illinois Avenue. Jan 2276

H. M. GODFREY, M. D., L. R. C. S. Madison street. Residence 11 Webster st. sng1177 E. Y. GRIGGS, Druggtst, Bookseller and Sta-tion er, Ottawa, Ill. Second store in Nattinger's Block south side of Court House Square.

M. IS.N BIUTSISI., German Braggist and Apothe wa, III. Importer of Drugs. Chemicals, French Cogni-ac Grandles, Wires, &c.

DR. WM. S PPARD, Member of the terinary Surgeons, Enzand: Fellow of the London eterinary Medical Association, else Vererinary Edit or Danton's Spirit of inc., art. can be consulted at his office, on Lalayotte St. aug.

Conn'ty Superintendent of Public Schools. G. B. STOCKDALE

Will hold examinations at his office in the Court House on the second and fourth Saturdays of each mono-until further notice.

Lippert's Meat Market,

FOR SALE OR RENT. A Farm of 309 Acres, n is the Danavan farm in the town of Ru-

NICHOLS IRON thed and recommended by the MEDICAL Profession for the past twenty-five years, as an IRON TONIC for loss of appetite, nervous prostration, Dyspepsia and all troubles arising from GBNERAL DEBILITY. FORSALEBYALL DRUGGISTS BARK & IRON

SCIENTIFIC AMERICAN



to carry the Fast Mail.

Burlington Route C.B.& Q.R.R.

The Only Through Line, with its own track, between CHICAGO, PEORIA or St. LOUIS AND DENVER ither by way of Omaha, Pacific Junction, Atchison Kansas City. It traverses all of the six Great States,

ILLINOIS, IOWA, NEBRASKA, KANSAS, COLORADO With branch lines to their important cities and fowns, it runs every day in the year from one to three elegantly equipped through trains over its own tracks between Chicago and Denver,

Chicago and Omaha. Chicago and Council Bluffs, Thicago and St. Joseph, Chicago and Atchison, Chicago and Kansas City, Chicago and Topeka, Chicago and St. Louis, Chicago and Dubuque,

Chicago and Sioux City Peoria and Council Bluffs, Peoria and Kansas City, Peoria and St. Louis, St. Louis and Omaha, St. Louis and St. Paul, St. Louis and Rock Island,

St. Louis and Chicago,

Kansas City and Denver, Kansas City and St. Paul, Kansas City and Omaha, Kansas City and Burlington. At each of its several Eastern and Western termini it connects in Grand Union Depots, with Thirtingh Tisins to and from all points in the United States and Canada. It is the Principal Line to

San Francisco, Portland and City of Mexico For Tickets, Rates, General Information, etc., regarding the Burlington Route, cull on any Ticket Agent in the United States or Canada, or address HENRY B. STONE. PERCEVAL LOWELL, Aut & Gen'l Manager. Gen'l Pass, Ag

THREE GREAT CITIES # WEST



CHICAGO & ALTON R. R. KANSAS CITY ST. LOUIS And all points via
KANSAS CITY. And all points via CHICAGO and EAST and NORTH. PALACE RECLINING CHAIR CARS PALACE DINING CARS,

Meals, 75 cents. Pullman Palace Sleeping Cars, An equipment not equaled by any other line. Entire trains run through without change, and, on ections are made with other lines at seasonable

he GREAT EXCURSION ROUTE in sum-The GREAT EXCURSION ROUTE in summer, to all watering places in the East, West and Northe WISCONSIN, MINNESOTA, MICHIGAN, CANADA, EASTERN STATES, ROCKY MOUNTAINS, COLORADO, NEW MEXICO, CALIFORNIA. In winter, to all the Winter Reserts in the South, NEW MEXICO and CALIFORNIA.

Excursion, Round Trip and Single Trip Tickets to ALL LAND GRANT FOINTS in the West or South, and Through Tickets to all potats East, West, North and South, are on sale at all times, at as low rates as by inferior lines.

For further information and lowest rates, apply to

Any Ticket Agent CHICAGO & ALTON R. R. Or to JAMES CHARLTON,

General Passenger and Ticket Agent. 210 Dearborn Street, CHICAGO, ILL J. M. OATES, General Traveling Agent Chicago & Alton Railroad, CHICAGO, ILL.

J. C. McMULLIN, Vice-President C. H. CHALPELL, General Manager